
	<p align="center">City of Milpitas Building and Safety Department</p> <p>Mailing Address: 455 East Calaveras Boulevard, Milpitas, California 95035-5479 – Tel. 408.586.3240, Fax 408.586.3285 www.ci.milpitas.ca.gov</p>	Policy:	BDP-BLG45
		Effective Date:	06/11/18
		Proposed by:	JAC
		Last Reviewed/ Revised:	06/11/18
		Reviewed/ Revised by:	BYC
<p align="center">MOVABLE EQUIPMENT ANCHORAGE</p>		<p>Approved By: Gary King Acting Chief Building Official</p> 	

CODE REFERENCE(S):

CBC Section 1613 and ASCE 7-10 Section 13.1.4

ISSUE(S):

ASCE 7-10 Section 13.1.4 indicates that movable equipment is exempt from support and attachment requirements. The code does not provide a clear definition for movable equipment. This policy is created to define what can be considered a movable equipment and also to outline the requirements for movable equipment that can qualify for the code exemption.

POLICY:

Movable equipment may be exempt from anchorage requirements if it meets all of the following:

- Mobility of the component shall be part of the component's intended function.
- Shall have wheels that are part of the component. The wheels must have a locking mechanism.
- Shall not be connected to utilities (Electric, gas, water, etc.).
- Shall have a height to center of mass (CM) to least plan dimension (W) ratio such that:
 - At ground floor: $CM:W \leq 0.70$
 - At upper floors: $CM:W \leq 0.45$
- Shall not contain any hazardous materials or connections to hazardous materials.
- When not in use, shall be stored in a designated location with a restraining device that is adequately attached to the structure. The storage location shall be identified on plan and shall not encroach into the egress path.